

54. The business office device as claimed in Claim 53, wherein the at least one memory stores the status information such that both the e-mail interface and the direct connection-mode interface can each transmit at least one of the first and second portions of the status information.

55. The business office device as claimed in Claim 52, wherein the business office device transmits the first portion of the status information to the monitoring device at a predetermined interval.

56. The business office device as claimed in Claim 52, wherein the business office device transmits the first portion of the status information to the monitoring device when an event occurs in the business office device..

57. The business office device as claimed in Claim 52, wherein the at least one memory comprises a semi-static memory for storing an assigned name of the business office device.

58. The business office device as claimed in Claim 57, wherein the assigned name is communicated to the monitoring device.

59. The business office device as claimed in Claim 52, wherein the at least one memory comprises a semi-static memory for storing an assigned address of the business office device.

60. The business office device as claimed in Claim 59, wherein the assigned address is communicated to the monitoring device.

61. The business office device as claimed in Claim 52, wherein the first portion of the status information transmitted by the e-mail interface is transmitted to the monitoring device based on a request received from the monitoring device.

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62. The business office device as claimed in Claim 61, wherein the request is received via e-mail.

63. The business office device as claimed in Claim 62, wherein the business office device is a printer.

64. The business office device as claimed in Claim 52, wherein the at least one memory comprises a semi-static memory for storing an option configuration.

65. The business office device as claimed in Claim 52, wherein the at least one memory comprises a static memory for storing a model number.

66. The business office device as claimed in Claim 52, wherein the at least one memory comprises a static memory for storing a serial number.

67. The business office device as claimed in Claim 52, wherein the at least one memory comprises a static memory for storing characteristics of said business office device which do not change over a life of said business office device.

68. The business office device as claimed in Claim 52, wherein the at least one memory comprises a dynamic memory for storing dynamic data.

69. The business office device as claimed in Claim 52, wherein the at least one memory comprises a dynamic memory for storing an indication of a paper tray present in the business office device.

70. The business office device as claimed in Claim 52, wherein the at least one memory comprises a dynamic memory for storing an indication of a voltage used in the business office device.

71. The business office device as claimed in Claim 52, wherein the at least one memory comprises a dynamic memory for storing an indication of a status of paper in a paper tray present in the business office device.

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72. The business office device as claimed in Claim 52, wherein the at least one memory comprises a dynamic memory for storing an indication of an amount of oil in the business office device.

73. The business office device as claimed in Claim 52, wherein the at least one memory comprises a dynamic memory for storing an indication of an amount of toner in the business office device.

74. The business office device as claimed in Claim 52, wherein the at least one memory comprises a dynamic memory for storing an indication of a sensitivity of a photo-receptor in the business office device.

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75. The business office device as claimed in Claim 52, wherein the at least one memory comprises a dynamic memory for storing an indication of a number of prints made by the business office device.

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76. A business system comprising:
a business office device; and
a monitoring device for monitoring the business office device from a remote location, wherein the business office device includes (1) at least one memory for storing status information of the business office device, and (2) an e-mail interface for transmitting an e-mail containing a first portion of the status information to the monitoring device.

77. A monitoring method executed on an business office device, the method comprising:
storing, internally, status information of the business office device; and
transmitting an e-mail containing a first portion of the status information to a remotely located monitoring device.

78. The monitoring method as claimed in Claim 77, further comprising:

establishing a direct connection to the monitoring device; and
transmitting, across the direct connection, at least one of a second portion of the status information and the first portion of the status information.

79. The monitoring method as claimed in Claim 78, wherein the step of storing comprises storing the status information in a common memory such that both the first and second portions of the status information are read from the common memory.

80. The monitoring method as claimed in Claim 77, wherein the step of transmitting comprises transmitting the first portion of the status information to the monitoring device at a predetermined interval.

81. The monitoring method as claimed in Claim 77, wherein the step of transmitting comprises transmitting the first portion of the status information to the monitoring device when an event occurs in the business office device.

82. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a semi-static memory for storing an assigned name of the business office device.

83. The monitoring method as claimed in Claim 82, further comprising the step of communicating the assigned name to the monitoring device.

84. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a semi-static memory for storing an assigned address of the business office device.

85. The monitoring method as claimed in Claim 84, further comprising the step of communicating the assigned address to the monitoring device.

86. The monitoring method as claimed in Claim 77, further comprising the step of receiving a request from the monitoring device to cause the first portion of the status information to be transmitted to the monitoring device.

87. The monitoring method as claimed in Claim 86, wherein the step of receiving comprises receiving the request via e-mail.

88. The monitoring method as claimed in Claim 87, wherein the business office device is a printer.

89. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a semi-static memory for storing an option configuration.

90. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a static memory for storing a model number.

91. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a static memory for storing a serial number.

92. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a static memory for storing characteristics of said business office device which do not change over a life of said business office device.

93. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a dynamic memory for storing dynamic data.

94. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a dynamic memory for storing an indication of a paper tray present in the business office device.

95. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a dynamic memory for storing an indication of a voltage used in the business office device.

96. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a dynamic memory for storing an indication of a status of paper in a paper tray present in the business office device.

97. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a dynamic memory for storing an indication of an amount of oil in the business office device.

98. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a dynamic memory for storing an indication of an amount of toner in the business office device.

99. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a dynamic memory for storing an indication of a sensitivity of a photo-receptor in the business office device.

100. The monitoring method as claimed in Claim 77, wherein the at least one memory comprises a dynamic memory for storing an indication of a number of prints made by the business office device.

200247 101. A computer program product, comprising:
a computer storage medium and a computer program code mechanism embedded in the computer storage medium for monitoring a business office device, the computer program code mechanism comprising:

a first computer code configured to store status information of the business office device in at least one memory; and

a second computer code configured to transmit, to a remotely located monitoring device, an e-mail containing a first portion of the status information.

102. The computer program product as claimed in Claim 101, further comprising:

a third computer code device configured to establish a direct connection to the monitoring device; and

a fourth computer code device configured to transmit, across the direct connection, at least one of a second portion of the status information and the first portion of the status information.

103. The computer program product as claimed in Claim 102, wherein the first computer code device comprises a third computer code device configured to store the status information in a common memory such that both the first and second portions of the status information are read from the common memory.

Claim 101
104. The computer program product as claimed in Claim 101, wherein the second computer code device comprises a third computer code device configured to transmit the first portion of the status information to the monitoring device at a predetermined interval.

105. The computer program product as claimed in Claim 101, wherein the second computer code device comprises a third computer code device configured to transmit the first portion of the status information to the monitoring device when an event occurs in the business office device.

106. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a semi-static memory for storing an assigned name of the business office device.

107. The computer program product as claimed in Claim 106, further comprising a third computer code device configured to communicate the assigned name to the monitoring device.

108. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a semi-static memory for storing an assigned address of the business office device.

109. The computer program product as claimed in Claim 108, , further comprising a third computer code device configured to communicate the assigned address to the monitoring device.

110. The computer program product as claimed in Claim 101, further comprising a third computer code device configured to receive a request from the monitoring device to cause the first portion of the status information to be transmitted to the monitoring device.

111. The computer program product as claimed in Claim 110, wherein the third computer code device receives the request via e-mail.

112. The computer program product as claimed in Claim 111, wherein the business office device is a printer.

113. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a semi-static memory for storing an option configuration.

114. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a static memory for storing a model number.

115. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a static memory for storing a serial number.

116. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a static memory for storing characteristics of said business office device which do not change over a life of said business office device.

117. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a dynamic memory for storing dynamic data.

118. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a dynamic memory for storing an indication of a paper tray present in the business office device.

119. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a dynamic memory for storing an indication of a voltage used in the business office device.

120. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a dynamic memory for storing an indication of a status of paper in a paper tray present in the business office device.

121. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a dynamic memory for storing an indication of an amount of oil in the business office device.

122. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a dynamic memory for storing an indication of an amount of toner in the business office device.

123. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a dynamic memory for storing an indication of a sensitivity of a photo-receptor in the business office device.

124. The computer program product as claimed in Claim 101, wherein the at least one memory comprises a dynamic memory for storing an indication of a number of prints made by the business office device. --
